

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016768.D
 Acq On : 02 Oct 2020 17:20
 Operator : SY/VA
 Sample : L4235-06
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:57:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	567004	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	471130	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174539	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	100002	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.88%
7) Chloroethane-d5	2.90	69	101355	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
10) 1,1-Dichloroethene-d2	4.03	63	170506	13.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.09	46	53815	35.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.92%
24) Chloroform-d	7.66	84	305867	25.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	8.31	65	145987	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.92%
29) Benzene-d6	8.28	84	560999	26.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.20%
33) 1,2-Dichloropropane-d6	9.28	67	166895	29.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.60%
37) Toluene-d8	10.33	98	496708	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.60%
38) trans-1,3-Dichloropropene-	10.58	79	51895	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.92%
39) 2-Hexanone-d5	10.93	63	41331	39.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119214	24.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	145927	26.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.68%

Target Compounds

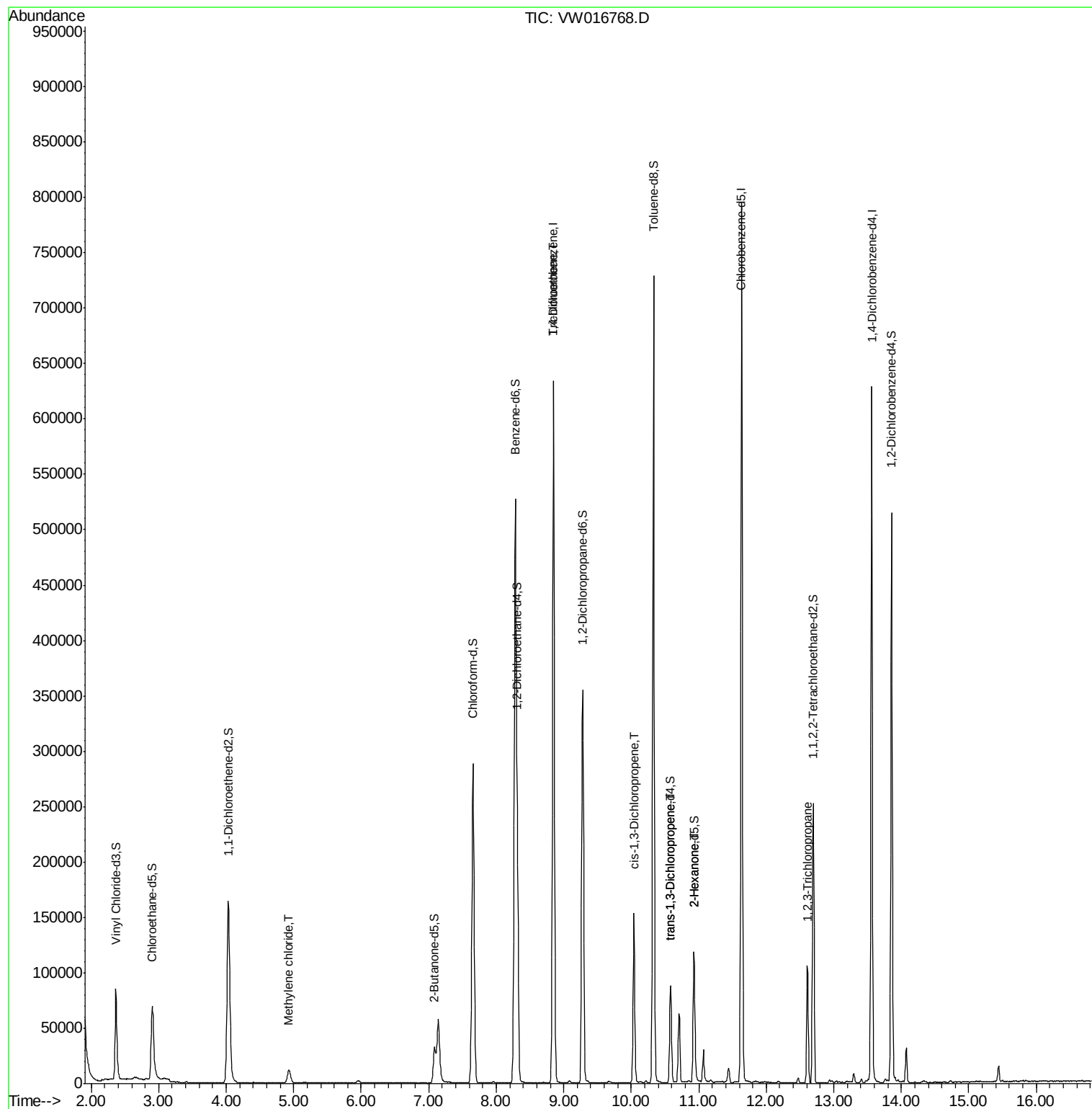
					Ovalue
16) Methylene chloride	4.93	84	10542	1.205 ug/L	92
35) Trichloroethene	8.85	95	17140	2.346 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3960	0.395 ug/L #	76
45) trans-1,3-Dichloropropene	10.59	75	2458	0.282 ug/L	88
49) 2-Hexanone	10.93	43	6442	2.720 ug/L #	65
59) 1,2,3-Trichloropropane	12.61	75	914	0.222 ug/L #	56

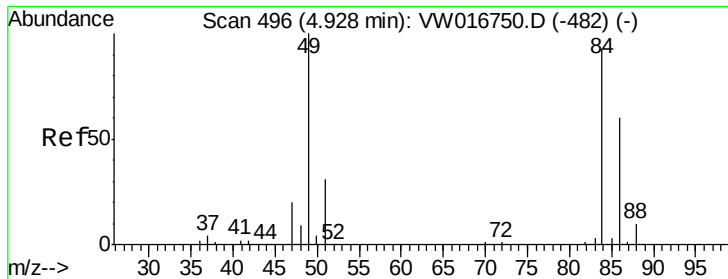
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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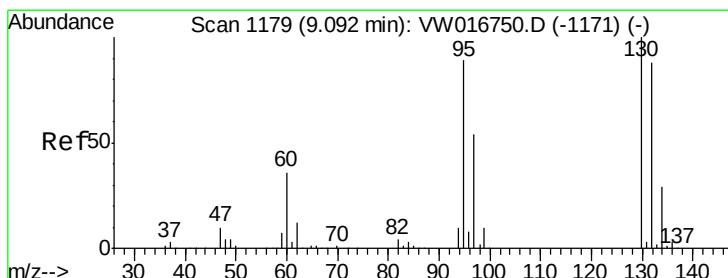
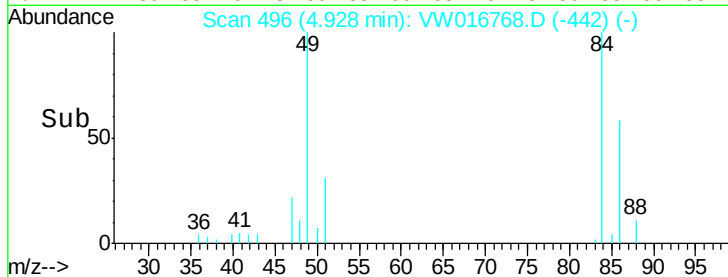
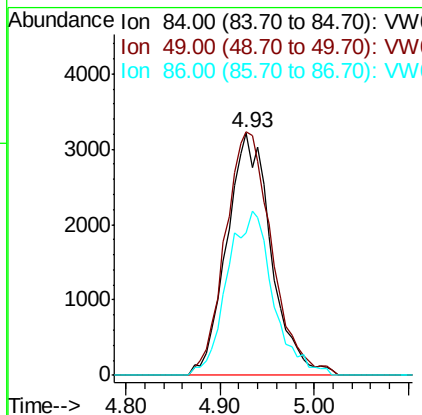
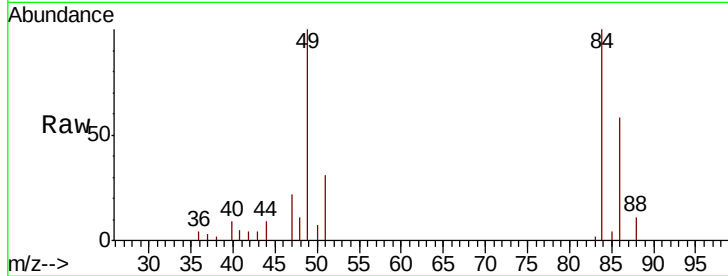




#16
Methvlene chloride
Concen: 1.205 ug/L
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW016768.D
Acq: 02 Oct 2020 17:20

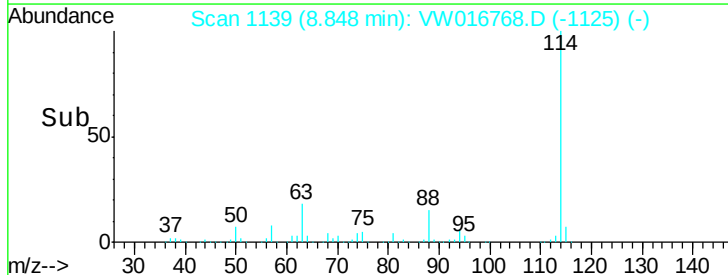
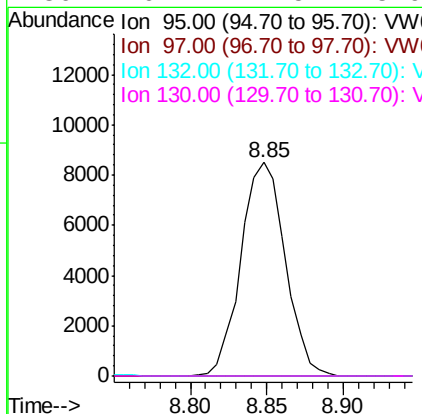
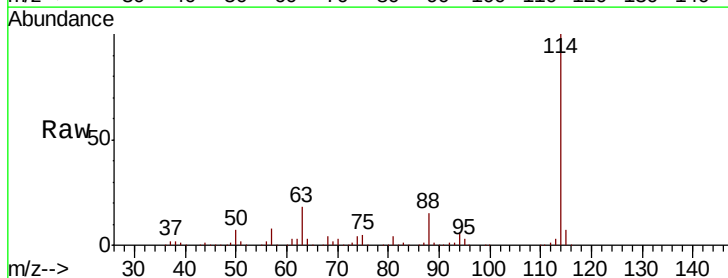
Instrument :
MSVOA_W
ClientSampleId :

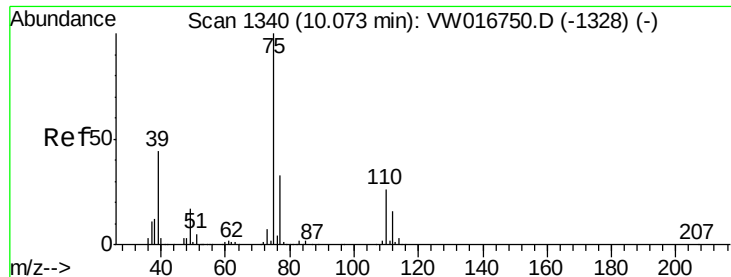
Tot Ion: 84 Resp: 10542
Ion Ratio Lower Upper
84 100
49 100.4 76.0 141.2
86 58.6 45.6 84.6



#35
Trichloroethene
Concen: 2.346 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW016768.D
Acq: 02 Oct 2020 17:20

Tgt Ion: 95 Resp: 17140
Ion Ratio Lower Upper
95 100
97 0.0 45.2 84.0#
132 0.3 73.3 136.1#
130 0.4 77.5 143.9#





#42

cis-1,3-Dichloropropene

Concen: 0.395 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016768.D

Acq: 02 Oct 2020 17:20

Instrument :

MSVOA_W

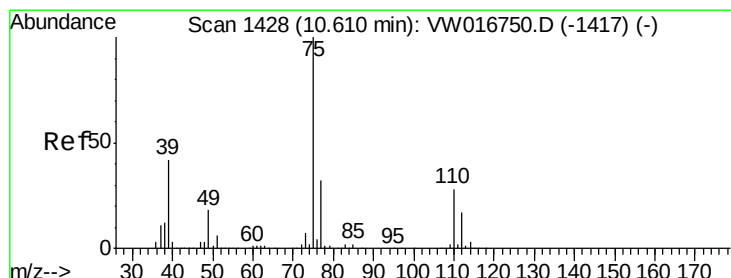
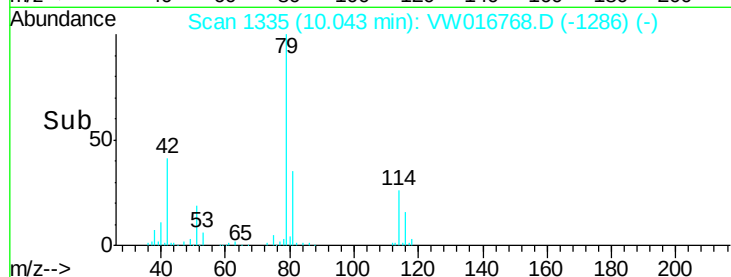
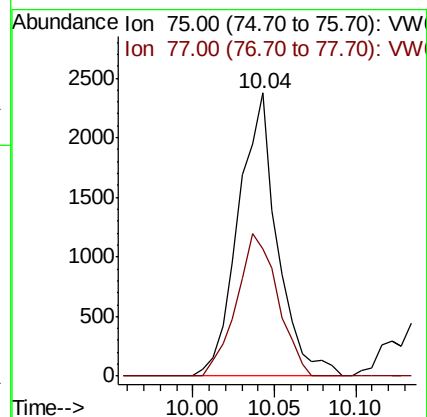
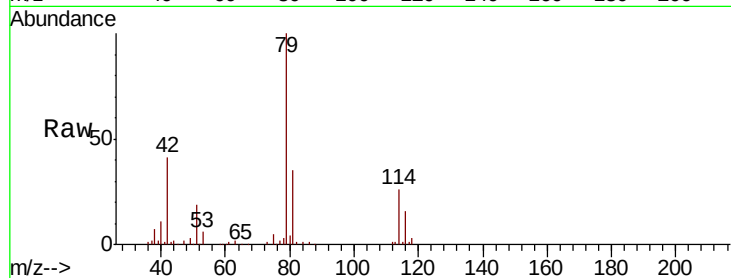
ClientSampled :

Tot Ion: 75 Resp: 3960

Ion Ratio Lower Upper

75 100

77 45.0 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.282 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016768.D

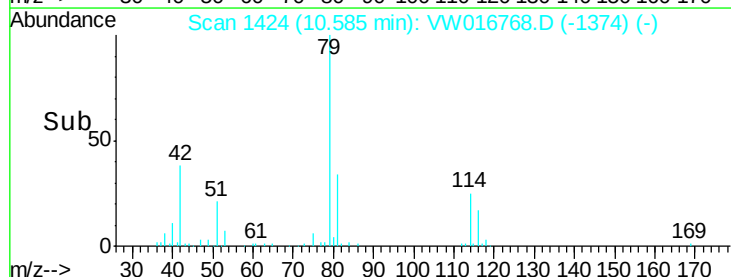
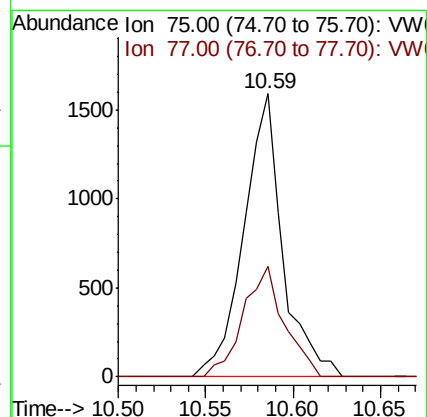
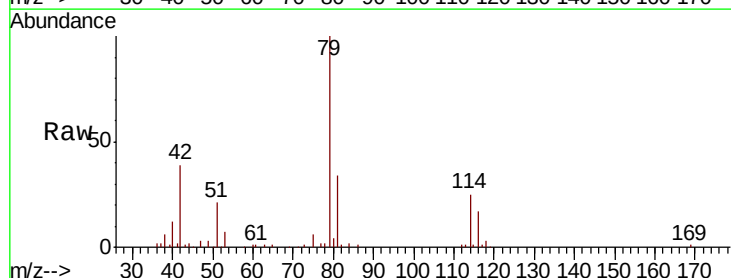
Acq: 02 Oct 2020 17:20

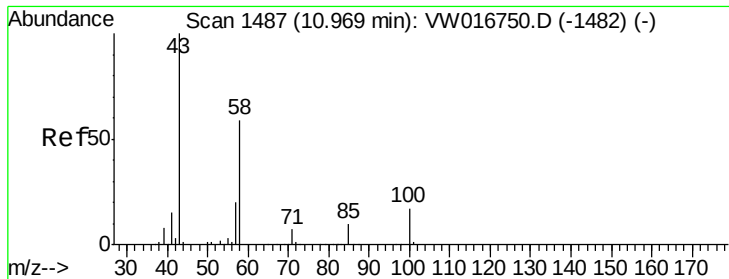
Tgt Ion: 75 Resp: 2458

Ion Ratio Lower Upper

75 100

77 38.9 22.5 41.9





#49

2-Hexanone

Concen: 2.720 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016768.D

Acq: 02 Oct 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6442

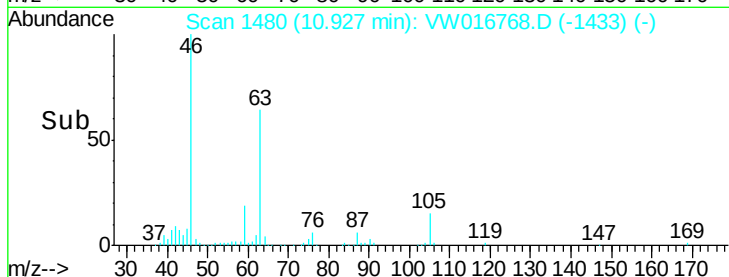
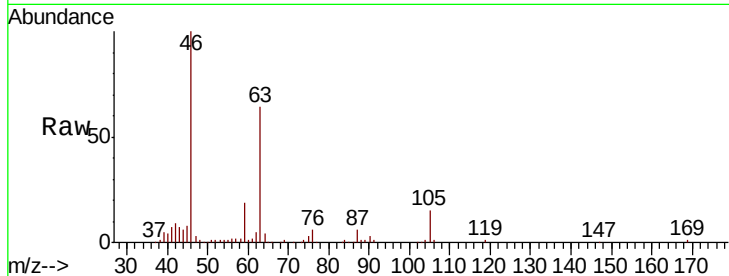
Ion Ratio Lower Upper

43 100

58 22.5 44.2 66.2#

57 23.1 16.3 24.5

100 0.9 12.4 18.6#

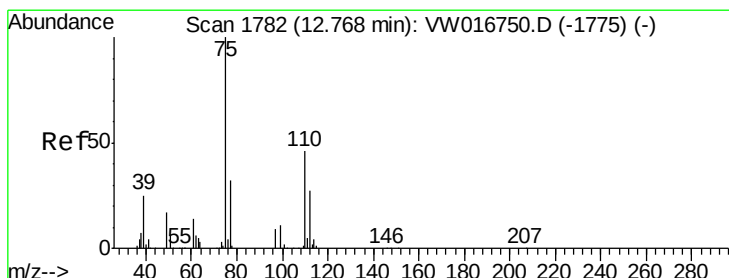
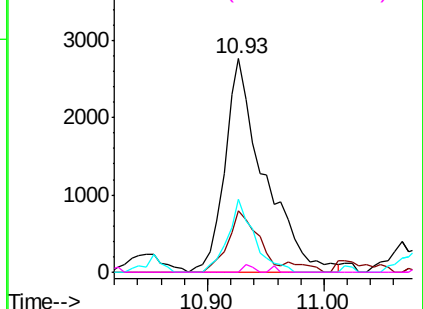


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 0.222 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW016768.D

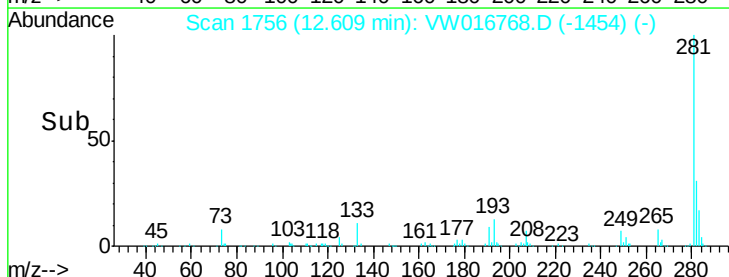
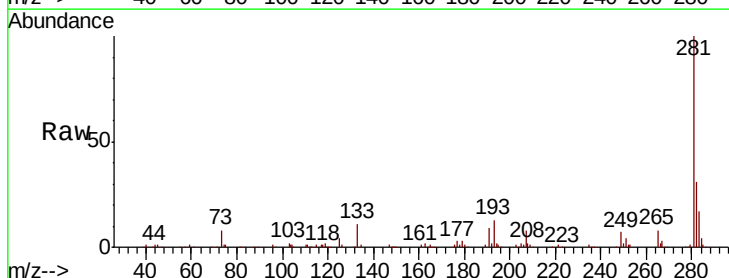
Acq: 02 Oct 2020 17:20

Tgt Ion: 75 Resp: 914

Ion Ratio Lower Upper

75 100

77 7.8 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

